

Data Papers: The Why and How

Grey Literature that implements FAIR Principles

Dominic Farace, GreyNet International

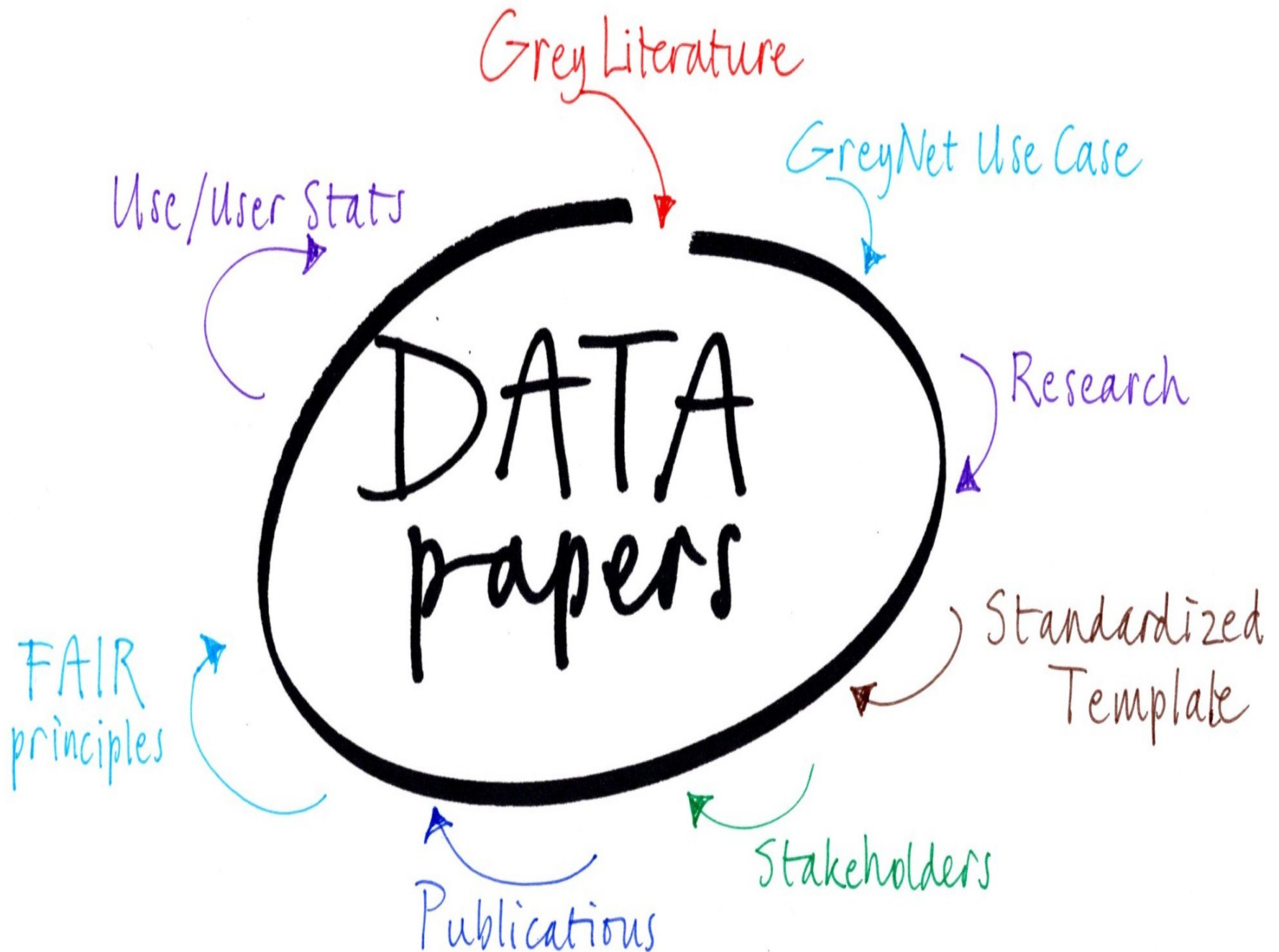


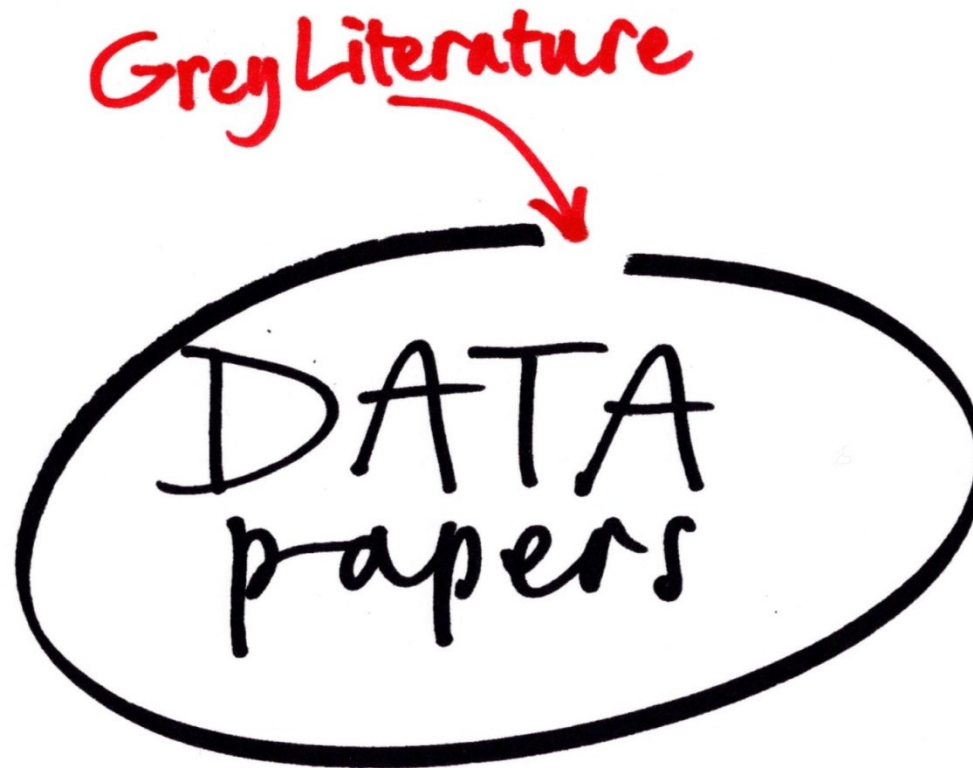
GreyForum 8.1 – October 23, 2018

National Library of Technology, NTK Prague CZ

DATA papers

Scholarly publications of a searchable metadata document describing a particular online accessible dataset or a group of datasets published in accordance to standard academic practices. As such, data papers represent a scholarly communication approach to data sharing. www.wikipedia.org





Grey Literature

- Definition • Document Type • Corporate Author (ORG)

{GL is reviewed, published, accessible, and preserved}

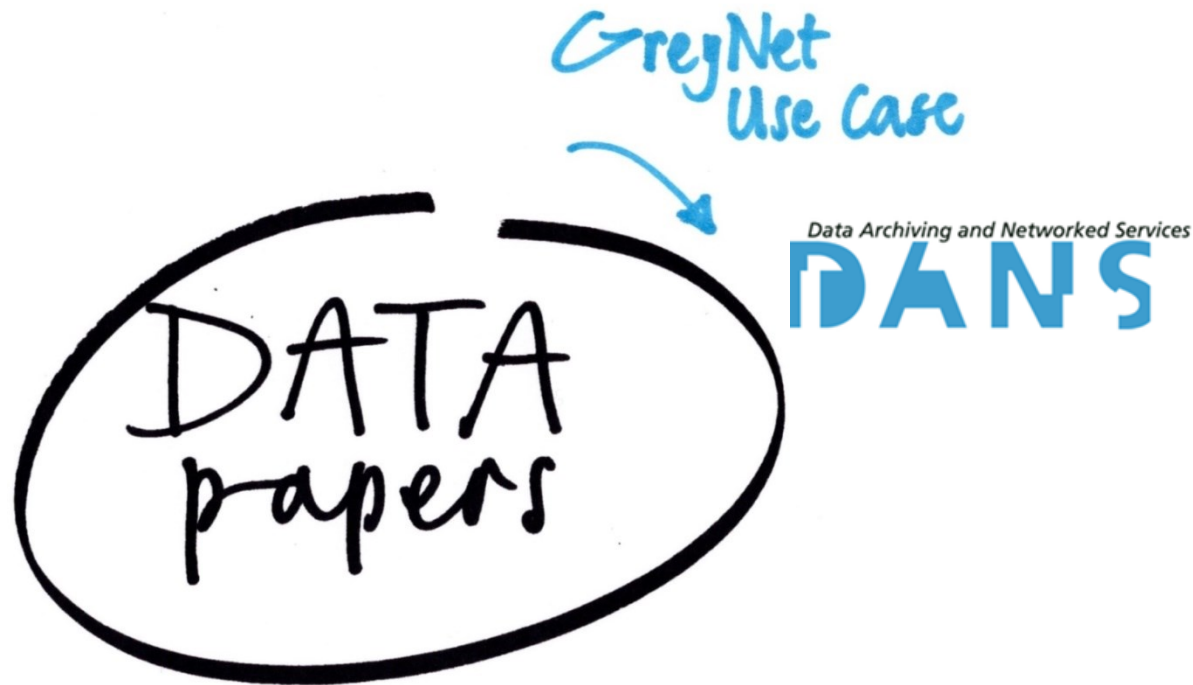
Background



Enhanced Publications Project

“A publication that is enhanced with three categories of information: research data, extra materials, and post-publication data”.

Enhanced publications combine textual resources *i.e.* documents intended to be read by human beings, which contain an interpretation or analysis of primary data. They inherently contribute to the review process of grey literature as well as the replication of research and improved visibility of research results in scholarly communication chain.



GreyNet Use Case

- Enhanced Publications Project
- Data Papers Project



2011



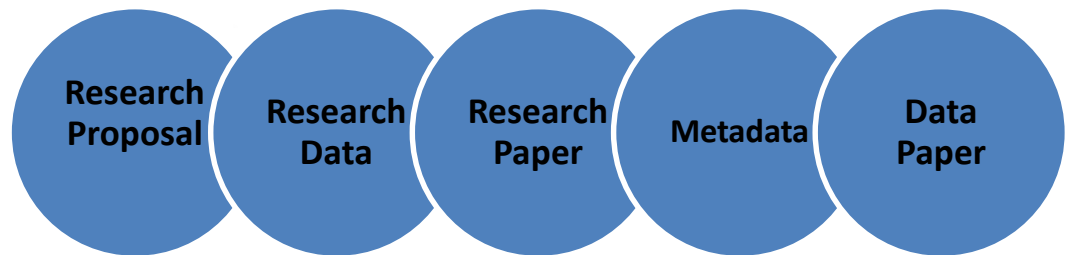
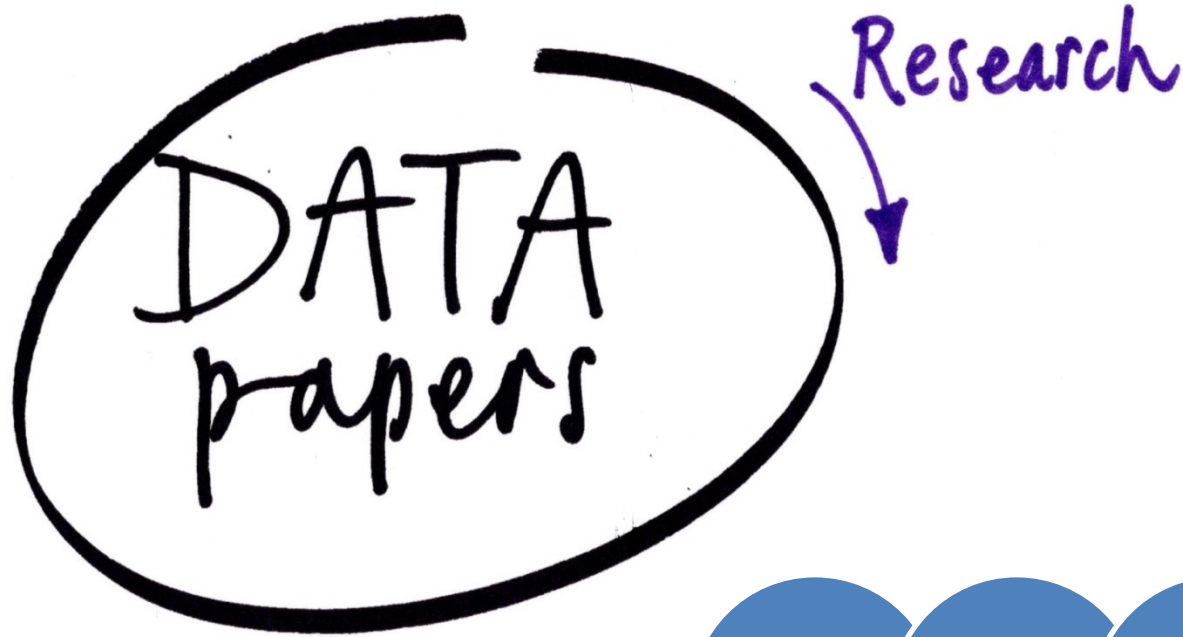
2012 ...



2017 ...

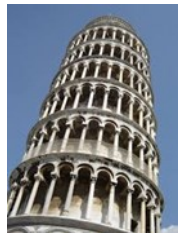


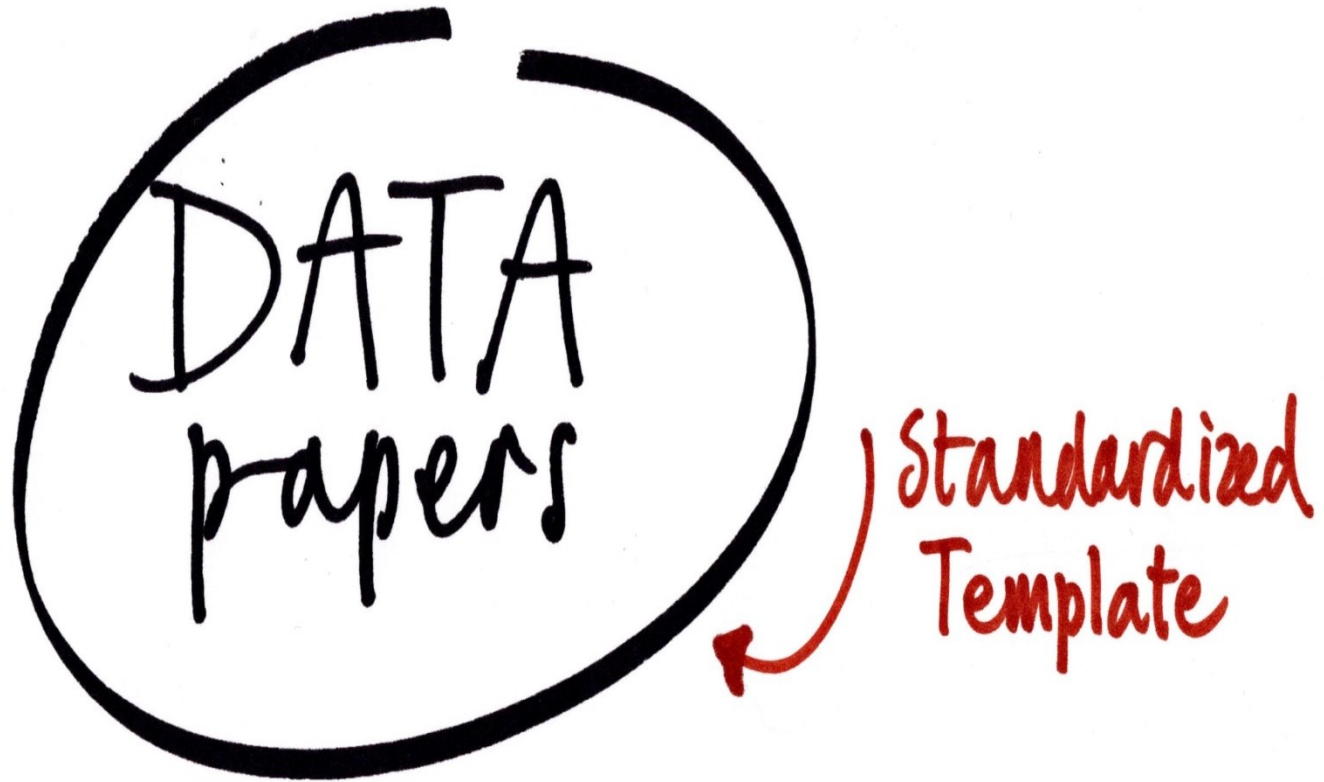
2017 ...



Research

- Proposal • Research data • Research Paper
- Enriched metadata • Data Paper, ...
- Research Data Policy





Standardized Template (Framework for Quality Control)

Linked metadata and fields (DOI, ORCID, CCO, http, Etc.)

- Overview
- Methods
- Dataset description
- Potential reuse
- References



Stakeholders (perceived benefits for each):

- Researchers
- Authors
- Publishers
- Editors
- Data management librarians
- Etc.

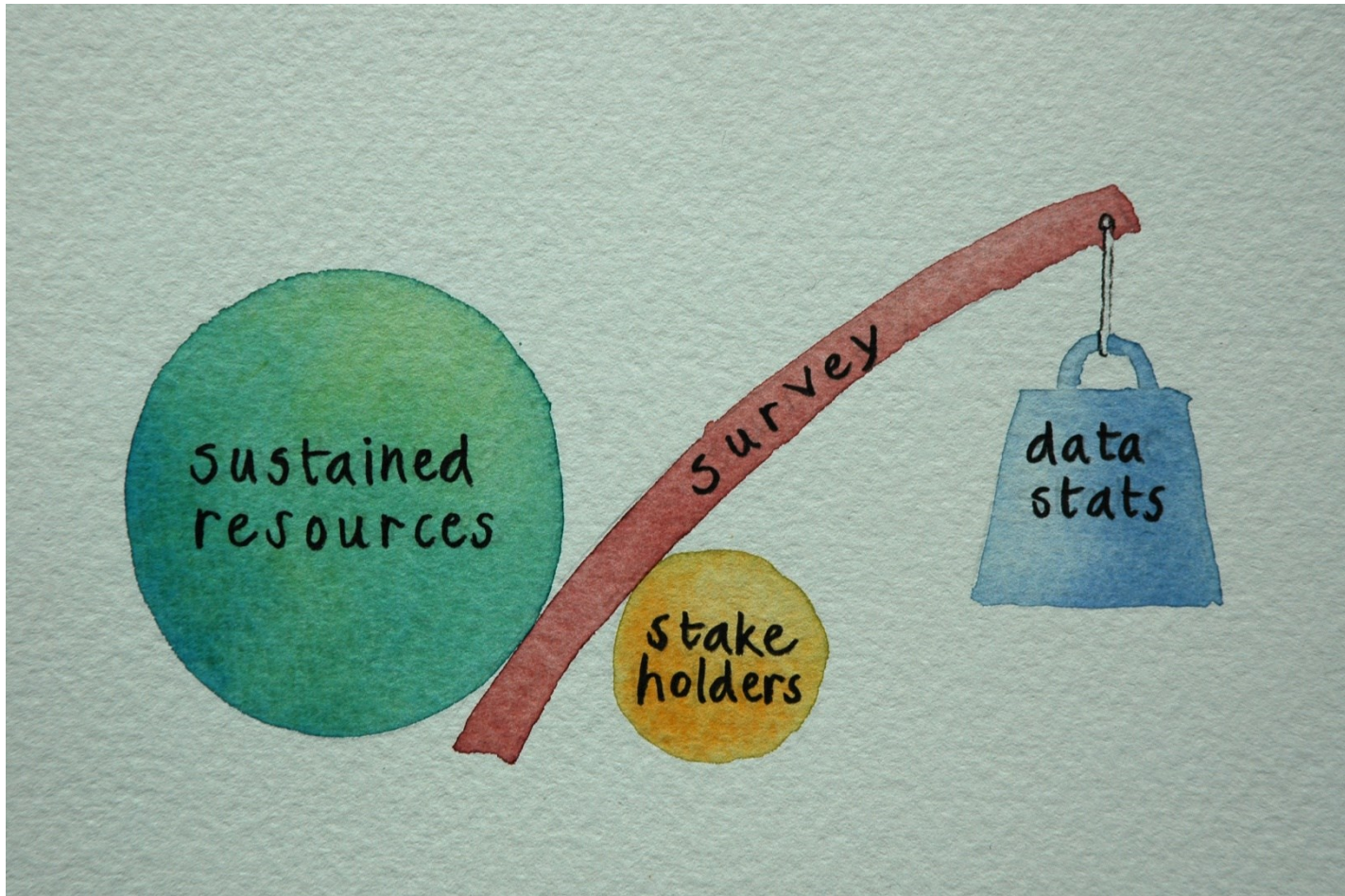
GreyNet Sustained Resources

- 2003 Relaunch GreyNet.org
- 2003 Relaunch International Conference Series on Grey Literature
- 2004 GreyNet Annual Award
- 2005 The Grey Journal (TGJ)
- 2007 GreyNet Conference Preprints in OpenGrey Repository
- 2009 GreyNet Workshop Series
- 2010 GreyNet Social Media (LinkedIn and Twitter)
- 2012 GreyNet Datasets in DANS Archive
- 2013 GreyGuide Repository



DATA
papers

Stakeholders

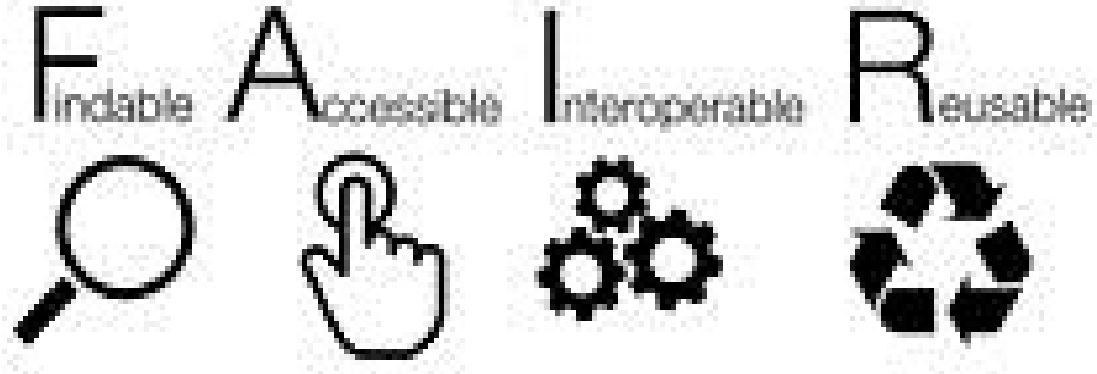
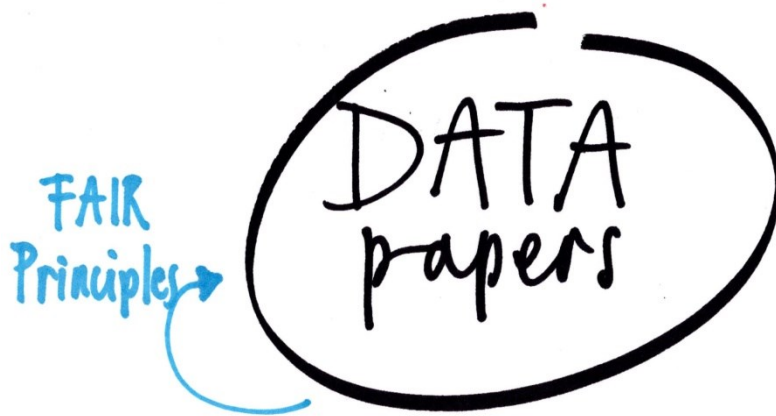




Publications

- Preprint • Journal article • Collection • Series





FAIR Principles:

- Findable • Accessible • Interoperable • Reusable

Via portals, repositories, and data archives. Their enriched metadata becomes machine readable, shared, cited, replicable

Use/User Stats



Use/User Stats (*Types and Sources*)

- Citations • References • Downloads • Feedback



{GreyGuide, EBSCO, GreyNet, Workshops, etc.}



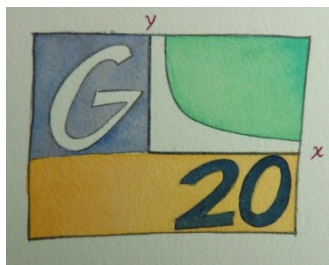
Project Follow-up

- Embedded in GreyNet's Workflow
- Expanded TGJ-wide
- Open to research data residing in [GL Posters](#)
- Education and Training



Thanks!

info@greynet.org



'Research Data Fuels and Sustains Grey Literature'
Loyola University New Orleans, USA • December 3-4, 2018

GreyNet

www.greynet.org

Grey Literature Network Service

info@greynet.org